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NOTES:

1. APPLICABLE STANDARDS/SPECIFICATIONS
A. DOD-STD-00100D(AR)
B. ANSI Y14.5M-1982

2 MATERIAL: CLOTH, COATED, HEAVY-DUTY, WATERPROOF IAW MIL-PRF-32002, CLASS B. THE CARGO COVER SHALL BE CONSTRUCTED WITH LOW GLOSS SIDE OF THE POLYVINYL COATED FABRIC EXPOSED OUTSIDE. COLOR -(SEE TABLE) IAW FED-STD-595. CAMOUFLAGE PATTERN TO BE IAW DRAWING 13228E1634.

3 MATERIAL: FASTENER TAPE IAW MIL-F-21840 TYPE II, CLASS 3, 1 INCH WIDE, COLOR #3422

4 MATERIAL: WEBBING TEXTILE WOVEN NYLON 1.00 INCH WIDE, IAW MIL-W-4088, CLASS OPTIONAL, TYPE XVII, COLOR - (SEE TABLE) IAW FED-STD-595. CAMOUFLAGE PATTERN TO BE IAW DRAWING 13228E1634.

5 CORD, POLYESTER IAW MIL-C-43256, .125 IN. DIA., COLOR - (SEE TABLE) IAW FED-STD-595. CAMOUFLAGE PATTERN TO BE IAW DRAWING 13228E1634.

6 GROMMET, LOCK AND SPUR IAW MIL-G-16491, TYPE III, CLASS 3, SIZE 3, FINISH IAW MIL-F-495, DULL BLACK.

7 D RING IAW MIL-R-3390, CLASS 5, 1 INCH, COLOR BLACK.
OPTIONAL: D-RING IAW 12420274

8. ASTM E380 APPLIES. METHOD B SHALL BE USED IN CONVERTING AND ROUNDING OFF.
1 INCH = 25.4 MILLIMETERS APPLIES.

9 STITCHING IAW FED-STD-751, STITCH TYPE 301 THREAD SHALL BE POLYESTER IAW V-T-285F, TYPE 1, CLASS 1, SUBCLASS A, SIZE F MINIMUM, COLOR - (SEE TABLE) IAW FED-STD-595. CAMOUFLAGE PATTERN TO BE IAW DRAWING 13228E1634.

USE SEALING TAPE IN ALL POSSIBLE SEAMS AS IT IS REQUIRED. MATERIAL TAPE: 1 INCH WIDE, .005 INCH THICK, ACRYLIC ADHESIVE TRANSFER TAPE WITH ADHESIVE CHARACTERISTICS TO MEET MIL-P-19834.

A. STITCHING TYPE EFa-1, 5-7 STITCHES PER INCH, .25 INCH ± .13 INCH FROM EDGE.
B. STITCHING TYPE EFa-2, 5-7 STITCHES PER INCH, .25 INCH ± .13 INCH FROM EDGE
C. STICHING TYPE EFb-2, 5-7 STITCHES PER INCH, .25 INCH ± .13 INCH FROM EDGE.
D. SEAM TYPE LSa-1, 7-8 STITCHES PER INCH
E. SEAM TYPE LSa-2, 7-8 STITCHES PER INCH, .25 INCH ± .13 INCH FROM EDGE
F. STITCHING TYPE EFb-1, 5-7 STITCHES PER INCH, .25 INCH ± .13 INCH FROM EDGE
G. SEAM TYPE LSc-1, 7-8 STITCHES PER INCH, .25 INCH ± .13 INCH FROM EDGE

10 LETTERING TO BE 101.6mm HIGH, CENTERED ON FRONT PANEL

11 ITEM IDENTIFICATION: RUBBER STAMP OR STENCIL THE FOLLOWING MARKINGS IAW MIL-STD-130, IN CONTRASTING COLOR IAW A-A-208. 19207-(SEE TABLE).
MFR- MANUFACTURER'S CAGE CODE

12 THESE DIMENSIONS ARE REFERENCE DIMENSIONS FOR CHECK FIXTURE. CHECK FIXTURE SHALL BE IAW MTV/LWB CARGO BED DRAWING 12378479.

13. DIMENSIONAL TOLERANCE IS ±25 mm, UNLESS OTHERWISE NOTED.

14 OPTIONAL: MULTIPLE SECTION SHALL BE ON CENTER OF BOW(S), LAPPED IAW 9E, OVERLAP 25±6

15 UNLESS OTHERWISE NOTED, ALL DROP SIDE PANEL ARE AS SHOWN.

16 SNAP STRIP TO BE LOCATED SYMMETRICALLY ON CENTER LINE OF TUBING.

17. HEAT SEAR ENDS OF WEBBING TO PREVENT FRAYING.

18. THIS PART IS PART OF A KIT WHICH IS INSTALLED INTO AN ASSEMBLY THAT IS TESTED AND VALIDATED AS A SYSTEM WITH SPECIFIC PERFORMANCE REQUIREMENTS. SEE 12420024 FOR SYSTEM PERFORMANCE INFORMATION.

19. FIRST ARTICLE TESTING REQUIREMENTS:
A. COMPLETE PERFORMANCE VERIFICATION OF NOTED TEST REQUIREMENTS. SEE NOTE 18.
B. MATERIAL CERTIFICATION VERIFICATION.
C. TEST SAMPLE FAILURE.
FAILURE OF ANY TEST SAMPLE SHALL BE CAUSE FOR REJECTION OF THE ENTIRE REPRESENTATIVE PRODUCTION LOT. ITEMS SHALL NOT BE PRESENTED FOR ACCEPTANCE AFTER A FAILURE UNTIL CORRECTIVE ACTION HAS ELIMINATED THE DEFECT AND THE ROOT CAUSE OF THE FAILURE.
D. COLOR FADE TEST AFTER ACCELERATED WEATHERING IAW MIL-PRF-32002C, PARAGRAPH 4.4.2.2. THIS NOTE APPLIES TO 12420281-015 (COLOR TAN) COVER ONLY.

20 MAIN SEAMS ON THE TOP, FRONT, AND REAR OF THE COVER SHALL BE HEAT SEALED AND SHALL EXTEND OVER THE ENTIRE AREA OF OVERLAPPING FABRIC. HEAT SEALED SEAMS SHALL MEET OR EXCEED THE BREAKING STRENGTH OF THE BASE CLOTH IAW MIL-PRF-32002. A COMBINATION OF SEWING AND HEAT SEALING OF ATTACHMENTS AND SIDE SEAMS IS ALLOWABLE PROVIDING THE STRENGTH OF ATTACHMENTS AND SIDE SEAMS MEET OR EXCEED THE VALUES FOR BREAKING STRENGTH OF THE BASE CLOTH . SEAL ANY PERFORATIONS THROUGH THE FABRIC USING SEAM SEALANT IAW MIL-A-46106, GROUP 1, TYPE 1, COLOR-TRANSLUCENT.

21 INSTALLATION INSTRUCTIONS FOR DRAW STRING:
A. TIE OFF CORD AT GROMMET NO. 1
B. RUN CORD FROM GROMMET NO. 1 DOWN AND AROUND BOTTOM OF PANEL AND BACK UP THE OUTSIDE AND THRU GROMMET NO. 2 AND BACK OUT THRU GROMMET NO. 3.
C. RUN CORD FROM GROMMET NO.3 UNDER FLAP ON THE OUTSIDE AND BACK THRU GROMMET NO. 4 TO INSIDE AND BACK OUT THRU GROMMET NO. 5.
D. BRING CORD DOWN THE OUTSIDE OF PANEL AND AROUND BOTTOM AND BACK UP TO GROMMET NO. 6 TIE OFF CORD AT GROMMET NO. 6.
E. PULL SLACK OUT OT CORD BY PULLING EXCESS OUT BETWEEN GROMMET NO. 4 AND NO. 5 OR NO. 3 AND NO. 2. THIS EXCESS IS THE PULL STRING.

PART NUMBER	CLOTH 2	WEBBING 4	CORD 5	STITCHING 9
12420284	#383 GREEN	#383 GREEN	#383 GREEN	#383 GREEN
12420284-015	#686A TAN	#686 TAN	#686 TAN	#686 TAN
12420284-016	STANDARD CAMO	#383 GREEN	#383 GREEN	#383 GREEN

LINE LEGEND
STITCHES
MATCH LINES -----

DISTRIBUTION STATEMENT C:
DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR CONTRACTORS.
REASON: ADMINISTRATIVE OR OPERATIONAL USE.
DATE OF DETERMINATION: 02-12-11
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MECHANICAL PROPERTIES	PMIC A		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN MILLIMETERS TOLERANCES ON 1 PLACE 2 PLACE ± ±	CONTRACT NUMBER DAAE07-92-C-R001 CONTRACTOR STEWART & STEVENSON SERVICES SEALY TEXAS U.S.A.	DESIGN ACTIVITY U.S. ARMY, TANK AUTOMOTIVE COMMAND WARREN, MICHIGAN 48397-5000
YP					
YS					
EL2					
RA					
BH					
RH		M1085			
	57K1900	M1085A1	THIRD ANGLE PROJECTION 	DRAWN BY D.L.ROBERTS	DATE (YR-MO-DA) 93-01-30
	NEXT ASSY	USED ON	QA Y.STEPHENSON	CHECKER D.CORNWELL	ENGINEER R.NAWROCKI
	APPLICATION		MAT'L ENGR T.STORY	DRAWING APPROVAL - GOV'T M.GRACE	
			DESIGN APPROVAL - GOV'T M.GRACE	DISTRIBUTION STATEMENT C: DISTRIBUTION AUTHORIZED TO U.S. GOVERNMENT AGENCIES AND THEIR CONTRACTORS. REASON: ADMINISTRATIVE OR OPERATIONAL USE. DATE OF DETERMINATION: 02-12-11 OTHER REQUESTS FOR THIS DOCUMENT SHALL BE REFERRED TO THE U.S. ARMY TANK AUTOMOTIVE AND ARMAMENTS COMMAND, ATTN: SFAE-CSS-MT, WARREN, MICHIGAN 48397-5000.	

PART NO. (SEE TABLE)

COVER, ASSEMBLY, FITTED, MTV/LWB

SIZE 19207 DWG NO 12420284

SCALE 1/25 UNIT WT SHEET 1 OF 8

REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED
—	X0	(ZERO) — —ALLOCATED BASELINE—	—	—
—	XA	REVISED IAW NOR-4964-4	96/08/07	K.PHILLIPS V.T. DAW
—	XB	REVISED AND REDRAWN IAW ECR 5508, ADDED SHEETS 4, 5, 6 & 7	97/03/04	J.Y. RGT V. TRAN
—	—	—PRODUCT BASELINE— ERR SSS-R6143	97/03/04	J.Y. RGT V. TRAN
A4 D8 C8 D6 D6 C6	A	1) REVISED USED ON BLOCK 2) REVISED NOTE 2 3) REVISED NOTE 9 4) REVISED NOTE 18 5) REVISED NOTE 19 6) ADDED NOTE 20 7-32) SEE SHEET 2 33-41) SEE SHEET 3 42-61) SEE SHEET 4 62-78) SEE SHEET 5 79-100) SEE SHEET 6 101-107) SEE SHEET 7 ERR SSS-R6257	98-12-31	Q.BHUIYA ADJ KEB
D8 B3 A8	B	1) REVISED NOTES 2, 4, 5, 9, 11, & 20 2) ADDED TABLE 3) DELETED HEX FROM HEX NOTE 14 4) SEE SHEET 3 5) SEE SHEET 6 6) SEE SHEET 7 ERR SSS U2395R1	99-08-11	Q.BHUIYA ADJ KEB
C6 C6 A5	C	ADDED SHEET 8 1)ADDED INSTRUCTION D TO NOTE 19 2)ADDED HEX NOTE 21 3)DISTRIBUTION STATEMENT C WAS A 4-16) SEE SHEET 17-30) SEE SHEET 3 31-54) SEE SHEET 4 55-74) SEE SHEET 5 75-79) SEE SHEET 6 80-84) SEE SHEET 7 ERR SSS-U5898	03-02-11	D.GRANTHAM ADJ SEH

REVISION STATUS OF SHEETS

C	C	C	C
SHEET 8	SHEET 7	SHEET 6	SHEET 5
C	C	C	C
SHEET 4	SHEET 3	SHEET 2	SHEET 1

METRIC

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FILE NAME: 0284001.DWG

TACOM-D-METRIC